



















































ROOM
#4





ROOM
#4

































Scan





EXIT

ROCK
SALE







































Decentralized Oragami



























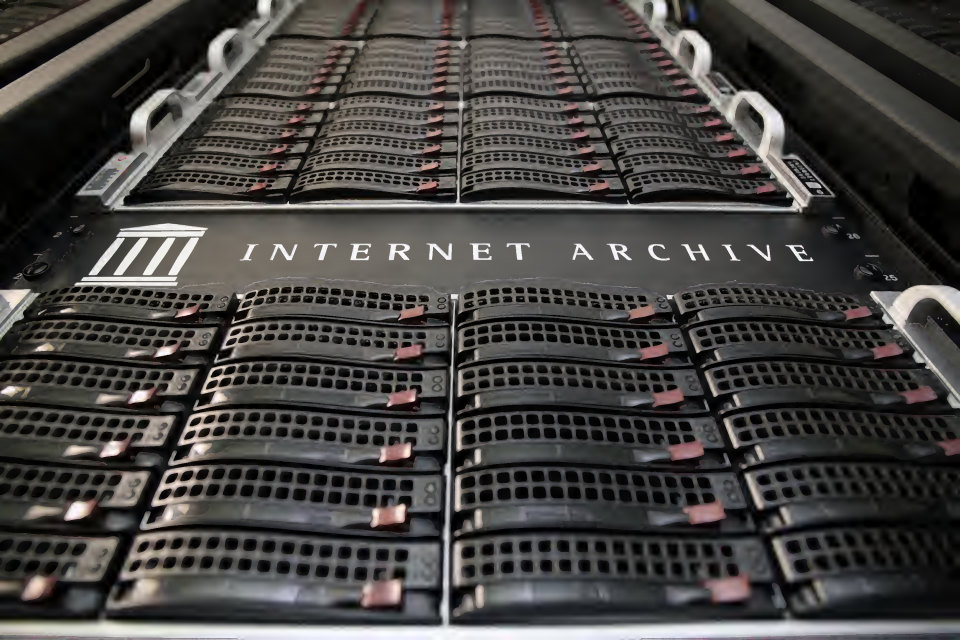




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VIBE

PIONEER

























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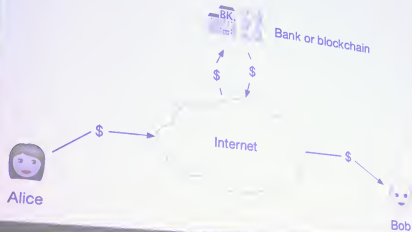


\$\$ Economics \$\$

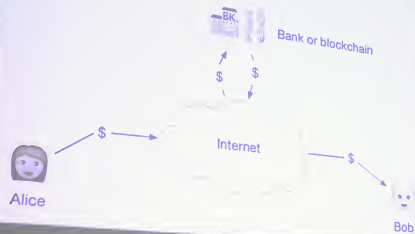
- **Current model:** If you don't like your internet service, you have to build a whole new network.
- Buy all the hardware for a whole network, arrange peering agreements, sign up subscribers, etc etc
- **Althea:** You just install a better node in your local area and start competing with the other nodes.
- Buy hardware that is better than other nodes in your area, peering and routing is taken care of, collecting money is taken care of.



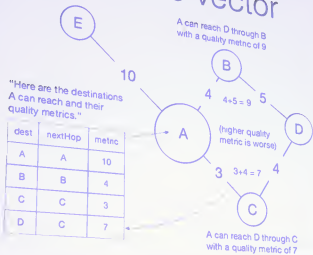
Conventional payment



Conventional payment



Distance vector





Bitseed Bitcoin Node

Bitcoin Node Status

Block Count	367145
Block Hash	367145
Block Count	68
Block Count	Main
Block Count	100000
Block Count	60000
Block Count	0
Block Count	UP
Block Count	1
Block Count	
Block Count	

Fri Jul 24 10:41:01 UTC 2015



UI/UX DESIGNER
INDUSTRIAL DESIGNER
FRONTEND DEVELOPER
BITCOIN DEVELOPER

YOU?



How does money affect our values *

- It controls opportunities change our circumstances *
- Determines our access to goods and services *
- Controls the scarcity in our environment *
- Determines our morality *



How does money affect our values *

- It controls opportunities change our circumstances
- Determines our access to goods and services
- Controls the scarcity in our environment
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How does money affect our values *

- It controls opportunities change our circumstances
- Determines our access to goods and services
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- Determines our morality



How does money affect our values *

- It controls opportunities, change our opportunities
- Determines our access to goods and services
- Control the scarcity in our environment
- Determines our morality *



Why time is valuable

Time for life is universally perceived by living beings
Is both scarce and valuable *

Can be used to provide the society or human individual with services
Is equivalent to the debt society for general banking
Can be measured by any human being *



Why time is valuable

Time is free if unconsciously consumed by living life as
is both easy and valuable

Can consciously control the amount of time spent on work and
leisure

Is equivalent to the debt supply. Can be lost forever

Can be destroyed by any human being



















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Collaboration Technologies






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Collaboration Technologies





Low Level API / Library



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Framework	API	Framework	Framework	Framework
FLOSS	✗	✗		
Decentraliz	✗	✗	✓	✓
Rich Text	✗	✗	✗	✓



	 FLOSS	 Decentraliz	 METEOR	 Swell
Framework	API	Framework	Framework	Framework
FLOSS	✗	✗		
Decentraliz	✗	✗	✓	✓
Rich Text	✗	✗	✗	✓



Paragon Framework



SweilRT API

App
(Frontend)



SweilRT
(Backend)

- Storage
- Sync
- Identity
- Federation
- Reactive UI

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Databases + Frameworks



SwellRT API

App
(Frontend)



SwellR
(Backend)

- Storage
- Sync
- Identity
- Federation
- Reactive UI



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Federated



matrix



Dan Gillmor
ASU
@dangillmor

Arizona State University

















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properties: safe against
revision

each entry has a hash
of the previous entry.



properties: safe against
revision

each entry has a hash
of the previous entry.



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properties: safe against
revision

each entry has a hash
of the previous entry.



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GOAL: Create the next generation of web-of-trust

At each #RebootingWebOfTrust event we collaboratively create white papers and specifications on topics that will have the greatest impact on decentralized trust & self-sovereign identity.



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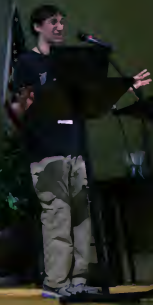
HTTPS is working!

- I finished making Namecoin-verified HTTPS work about 2 weeks ago.
- Only works on Chrome for Windows.



HTTPS is working!

- I finished making Namecoin-verified HTTPS work about 2 weeks ago.
- Only works on Chrome for Windows.
- Most browsers don't expose the needed features for extension developers in order to make this work.



HTTPS is working!

- I finished making Namecoin-verified HTTPS work about 2 weeks ago.
- Only works on Chrome for Windows.
- Most browsers don't expose the needed features for extension developers in order to make this work.



























10,000,000
Songs Here



10,000,000
Songs Here























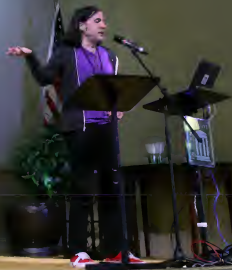
Object names include public key

- Good: you can always securely talk to anyone you can talk to
- Bad: well, you still have a PKI issue of finding the right object to talk to
- Bad: Can't revoke your private key without renaming yourself
- Bad: Private key goes everywhere the object runs



Context objects

- Maps strings to objects
- Trivial implementation of content addressing:
 - content hash \Rightarrow object
 - objects are immutable file objects
 - reader verifies content hash matches claimed value
- Not bad for 5 minutes of work!



Context objects

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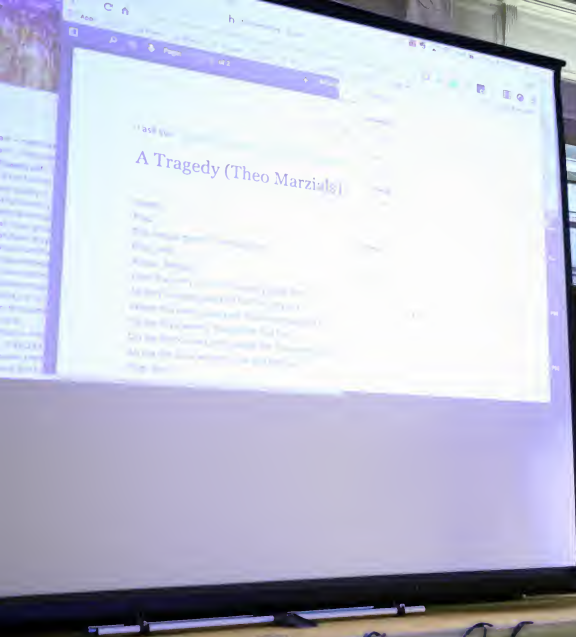














I ask you:

A Tragedy (Theo Marzials)

Death!

Plop

The barges down in the river flop.

Flop, plop.

Above, beneath.

From the simy the grey drps drop.

As they scraggle black on the thin grey sky.

Where the black cloud rack-hackles drizzle and fly

To the oozy waters, that lounge and flop

On the black scrag piles, where the loose cords plop.

As the raw wind whines in the thin tree-top

Plop, plop.



A Tragedy (Theo Marzials)

Death:

Plot.

The barges down in the river flop
Flap, flop.

Flop, plop.

Above, beneath

From the slimy the grey drips drop,
As they scuddle black on

Where the black sky

To the oozy waters, that is

On the black segment,

On the black scrag piles, where the loose cords plop,
As the saws and the

As the raw wind whines in the thin tree-top

Plop, plop.

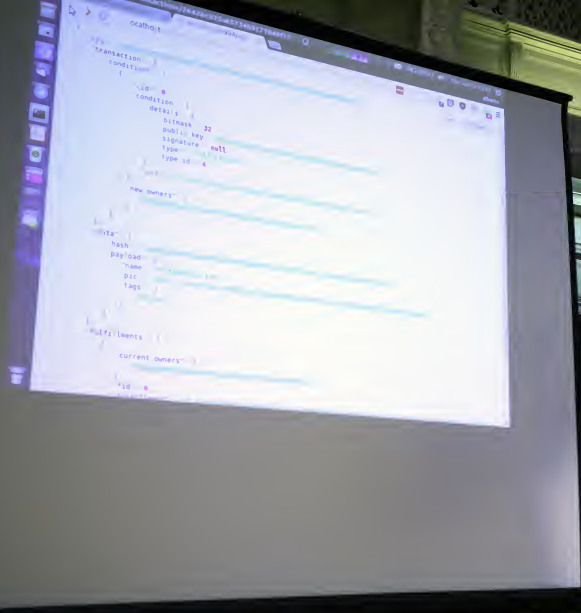
ipDB

INTERPLANETARY DATABASE

<https://ipdb.foundation/>











Ben Trask
STRONGLINK

#DWecybercast



Ben Trask
STRONGLINK

STRONGLINK



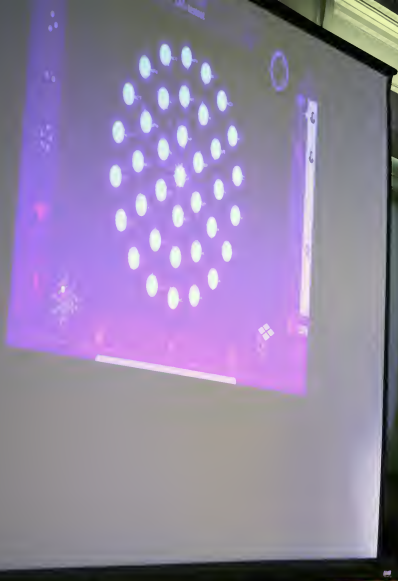
Ben Trask
STRONGLINK

© 2014 Stronglink

































附錄二

```
magnet:ixturnrwithh...686962dc5ed0e547f86ee6ec8ba5
2 dr = CosmoLaunchroms.com/le
3 tr = http://bt1.archive.org/x3A6069/announce
4 tr = http://bt2.archive.org/x3A6069/announce
5 tr = wss://tracker.btorrent.xyz
6 tr = wss://tracker.festcast.nz
7 tr = wss://tracker.openwebtorrent.com
8 tr = wss://tracker.webtorrent.io
9 ws = https://t601506.us.archive.org/14/items/
10 ws = https://t601506.us.archive.org/14/items/
11 ws = https://archive.org/download/
12 es =
```





multistream implementation in JavaScript

```
const { createReadStream, createWriteStream } = require('fs');  
const { pipeline } = require('stream');  
const { Readable } = require('stream');  
const { ReadableStream } = require('stream/web');  
const { Transform } = require('stream');  
const { Readable } = require('stream');  
const { ReadableStream } = require('stream/web');  
const { Transform } = require('stream');
```

Installation

Usage







Joachim Lohkamp
JOLOCOM
Jock Lohkamp | @GETJolocom



Joachim Lohkamp
JOLOCOM
@JockeLohkamp | @GETJolocom



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Joachim Lohkamp
JOLOCOM
@JockLohkamp | @GPTJlocom



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Maira Sutton
SHAREABLE
@maira | @Shareable



Maira Sutton
SHAREABLE
@maira | @Shareable



Maira Sutton
SHAREABLE
@maira | @Shareable

©Maira Sutton



Zooko Wilcox
ZCASH
@zooko | @zcashco



A man in a blue t-shirt and dark pants is standing on a stage, holding a microphone in his right hand and a small white card in his left. He is facing right. Behind him is a large projection screen displaying his name and social media handles. To his left, a large shadow of him is cast onto the screen. An American flag is partially visible in the background to the right.

Zooko Wilcox
ZCASH
@zooko | @zcashco

Keynote

Zooko Wilcox
ZCASH
@zooko | @zcashco



Zooko Wilco
ZCASH
@zooko | @zcash



Zooko W.
 ZCASH
 @zooko |



Zoo Wilcox
ZCAS

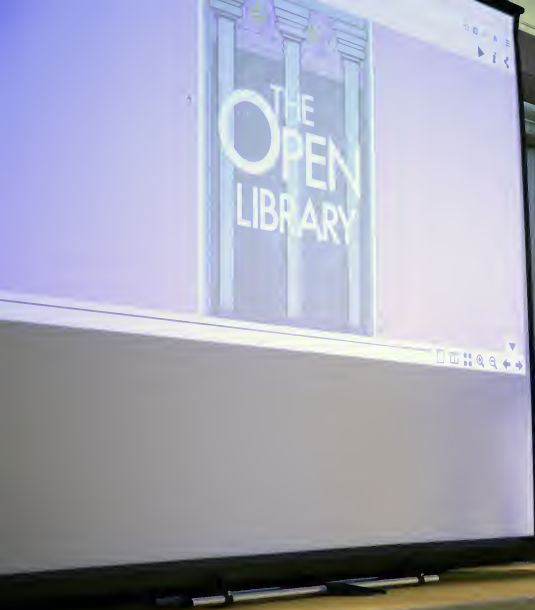






A man with a beard and glasses, wearing a grey blazer and blue jeans, stands at a black podium on a stage. He is holding a microphone and speaking. Behind him is a large projection screen displaying the logo for 'THE OPEN LIBRARY'. The logo features the words 'THE OPEN LIBRARY' in a white, sans-serif font, with 'THE' in a smaller size above 'OPEN'. The background of the logo is a stylized illustration of a classical building with columns. The screen also shows a presentation navigation interface with icons for back, forward, and search. To the right of the speaker, an American flag is visible, and a potted plant sits on the stage. The stage is lit with warm, yellow light. The background wall is a light-colored, textured surface with some architectural details.

THE OPEN LIBRARY



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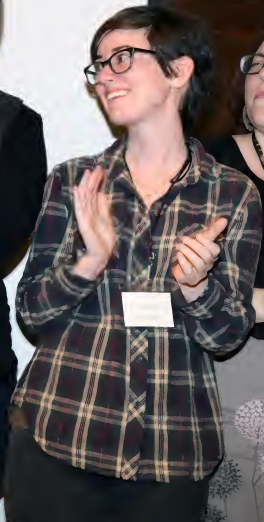














```
20:26.770Z foo bar    => GET /action 200
20:26.770Z foo bar    => GET /action 200
20:27.070Z foo@bar:8080 200 as done
20:27.070Z foo@bar:8080 200 as done
20:27.700Z foo@bar:8080 200 as connect
20:27.800Z foo@bar:8080 200 as connect
20:28.070Z foo bar    => GET /action
20:28.070Z foo bar    => GET /action 200
20:28.100Z foo bar    => GET /action
20:28.100Z foo bar    => GET /action 200
20:28.700Z foo@bar:8080 creating quote as
20:28.700Z foo@bar:8080 creating quote as
20:28.700Z foo bar    => GET /action
20:28.700Z foo bar    => GET /action 200
```







```
0:01:26.700Z foo INFO    => POST /results 200
0:01:26.670Z flumblidger INFO in disco
0:01:27.600Z flumblidger INFO in disco
0:01:26.670Z foo INFO    <= GET /results
0:01:26.670Z foo INFO    => GET /results 200
0:01:26.640Z foo INFO    <= GET /results
0:01:26.640Z foo INFO    => GET /results 200
0:01:26.700Z fixer.io 0000 creating quote w
0:01:26.700Z fixer.io 0000 creating quote w
0:01:26.670Z foo INFO    <= POST /results
0:01:26.670Z foo INFO    => POST /results 200
0:01:26.100Z flumblidger INFO in connect
0:01:27.600Z flumblidger INFO in connect
```



```
0:00:26.070Z fixer1334dger INFO no disco  
0:00:27.000Z fixer1334dger INFO no disco  
0:00:28.070Z fix INFO    <== GET /health  
0:00:28.070Z fix INFO    ==> GET /health 200  
0:00:28.140Z fix INFO    <== GET /health  
0:00:28.140Z fix INFO    ==> GET /health 200  
0:00:28.700Z fixer1334dger creating quote w  
0:00:28.700Z fixer1334dger creating quote w  
0:00:28.870Z fix INFO    <== POST /routes  
0:00:28.870Z fix INFO    ==> POST /routes 200  
0:00:28.100Z fixer1334dger INFO no connect  
0:00:27.000Z fixer1334dger INFO no connect
```

























Hello
my name is
Mark Graham



Hello
my name is
Mark Graham
WaypsackHeck



Hello
my name is
Mark Graham
Wayback Machine



Hello
my name is
Mark Graham



Hello
my name is

Mark Graham
Washburn



Hello
my name is
Mark Graham
Wayback Home

















































































































































































